Amendments to the Claims

Listing of Claims:

1. (original) Print media with individualized signatures comprising;

a web divided into a succession of printable articles;

a plurality of conductivity patterns on the succession of printable articles; and,

the conductivity patterns differing between printable articles with a variability that is effectively random and detectable as signatures that differ from each other.

2. (original) The media of claim 1 in which the conductivity patterns are at least partially formed on the web prior to dividing the web into the succession of printable articles and the differences between the conductivity patterns are formed by one or more in-line processes that are not repeated in registration with the succession of printable articles.

3. (original) The media of claim 2 in which the in-line processes include printing out of registration with the succession of printable articles.

4. (original) The media of claim 1 in which a portion of each of the conductivity patterns is formed as a reference pattern against which effectively random aspects of each of the conductivity patterns can be compared.

5. (original) The media of claim 1 in which each of the conductivity patterns includes conductivity characteristics that are free to vary over a continuum.

6. (original) The media of claim 1 in which the conductivity patterns are at least partially formed by a printable conductive medium that is applied in patterns.

7. (original) The media of claim 6 in which the conductivity patterns differ from the patterns of the conductive medium in accordance with other variables that affect conductivity characteristics within the patterns of the conductive medium.

8. (original) The media of claim 7 in which the other variables include variations within at least one of the conductive medium, the web, and interactions between the conductive medium and the web.

9. (original) The media of claim 6 in which the patterns of the conductive medium differ between printable articles in a manner that is effectively random.

10. (original) The media of claim 1 in which the conductivity patterns are formed at least in part by the application of a printable conductive medium to the web and are subject to variations in both distributions of the conductive medium over a surface of the web and distributions of conductivity within the surface distributions of the conductive medium.

11. (original) The media of claim 10 in which the conductivity patterns are further subject to variations in the distribution of the conductive medium with respect to a depth dimension of the web normal to the web surface.

12. (original) The media of claim 1 in which the conductivity patterns are formed at least in part by the application of a printable conductive medium to the web, and further comprising an intermediate layer supported by the web to which the conductive medium is applied.

13. (original) The media of claim 12 in which the intermediate layer is a coating on the web.

14. (original) The media of claim 12 in which the intermediate layer is an adhesive.

15. (original) The media of claim 12 in which the intermediate layer is subject to variation for varying of least one of a distribution of the conductive medium over a surface of the web, a distribution of conductivity within the surface distributions of the conductive medium, and a distribution of the conductive medium with respect to a depth dimension of the web normal to the web surface.

16. (original) The media of claim 1 in which the conductivity patterns are subject to further variation between the printable articles after being formed on the succession of the printable articles.

17. (original) The media of claim 16 in which the further variation involves the application of kinetic energy for redistributing conductive elements of the conductivity patterns.

18. (original) The media of claim 1 in which the web is made of a film, an adhesive layer is supported on the film, and the conductivity patterns are applied over the adhesive layer on the film.

19. (original) The media of claim 18 in which the film is a magnetic film.

20. (original) The media of claim 1 in which the web is a first of two webs, the first web is divided into a succession of first substrates, a second of the webs is divided into a succession of second substrates, and the first and second successions of substrates are laminated together to form the printable articles with the conductivity patterns located between the laminated substrates.

21. (original) The media of claim 20 in which the conductivity patterns include separate conductivity patterns on the first and second successions of substrates.

22. (original) The media of claim 21 in which the separate conductivity patterns overlap each other on the laminated substrates.

23. (original) A set of printable articles having conductivity signatures comprising:

a plurality of printable substrates;

a conductive material associated with each of the printable substrates;

the conductive material being distributed between the printable substrates so that the conductive material contributes to the formation of individual conductivity patterns on the printable substrates; and

the conductivity patterns being detectable as unique signatures that differ from each other in an effectively random manner.

24. (original) The articles of claim 23 in which the conductive material is preferably distributed within distinct areas that are discontinuous to avoid conductive connections between a beginning and end of the individual conductivity patterns.

25. (original) The articles of claim 23 in which a portion of each of the conductivity patterns is formed as a reference pattern against which effectively random aspects of each of the conductivity patterns can be compared.

26. (original) The articles of claim 23 in which each of the conductivity patterns includes conductivity characteristics that are free to vary over a continuum.

27. (original) The articles of claim 23 in which the conductivity patterns are formed at least in part by the application of a printable conductive medium to the printable substrates.

28. (original) The articles of claim 27 in which the conductivity patterns are subject to variations in distributions of the conductive medium over surfaces of the printable substrates.

29. (original) The articles of claim 28 in which the conductivity patterns are subject to distributions of conductivity within the surface distributions of the conductive medium.

30. (original) The articles of claim 28 in which the conductivity patterns are subject to variations in the distribution of the conductive medium with respect to a depth dimension of the printable substrates normal to the surfaces or the printable substrates.

31. (original) The articles of claim 27 in which the printable substrates are treated in advance of the application of the conductive medium to the printable substrates for further varying the conductivity patterns between the printable substrates.

32. (currently amended) The articles of claim 31 in which the advance treatment of the printable substrates varies ~~locally~~ between the substrates so that an interaction of the conductive medium with the printable substrates also varies ~~locally~~ between the printable substrates.

33. (original) The articles of claim 31 in which the advance treatment of the printable substrates affects at least one of porosity and surface morphology of the printable substrates.

34. (original) The articles of claim 27 in which the printable substrates are treated subsequent to the application of the conductive medium to the printable substrates for further varying the conductivity patterns between the printable substrates.

35. (currently amended) The articles of claim 34 in which the subsequent treatment of the printable substrates varies ~~locally~~ between the substrates so that an interaction of the conductive medium with the printable substrates also varies ~~locally~~ between the printable substrates.

36. (original) The articles of claim 34 in which the subsequent treatment redistributes conductive material on the printable substrates.

37. - 141. (cancelled)

142. (previously presented) The media of claim 20 in which the first of two webs is a magnetic film that is divided into the succession of first substrates.

143. (previously presented) The media of claim 142 in which the first substrates of magnetic film include front and back surfaces, the conductivity patterns being applied to the back surface of the first substrates of magnetic film, and the back surface of the first substrates of magnetic film being laminated to the second substrates.